



Re: Solid Waste
Cuyahoga County
Inland/Solon Landfill



Mr. Stephen Hovancsek
355 Richmond Road
Cleveland, Ohio 44143

October 15, 1979

Dear Mr. Hovancsek:

In response to some of the items of our October 4, 1979 meeting, the following comments are offered:

- 1) The water monitoring wells should be established in the locations agreed upon in our meeting and at an additional location. A monitor well should be developed at the point where surface drainage leaves the Solon property in proximity to gas monitoring well number 1. The wells should be developed with casing extending to the rock, the annular space should be pressure grouted with neat cement to the surface. The borings should continue to at least 20 feet below the static water level. Upon review of the hydrogeologic information which you will submit, further consideration will be given to the deeper monitor wells.
- 2) I have checked with the wastewater section of this Office and found that the Solon WWTP has been in violation of their NPDES permit for the last few months. The plant exceeded its suspended solids and BOD₅ limitations. Due to this situation, the Solon WWTP would not be an acceptable facility to treat leachate.
- 3) Enclosed are some typical drawings of gas monitor wells. The gas monitor wells should be extended to the depth of the landfill, saturated soil or bedrock, whichever is most shallow. Recordings should be of the explosimeter readings which will reflect the ratio of combustible gases to air, a general indication of methane. Fyrite oxygen and carbon dioxide gauges may also be used for additional field readings. The top several feet of the borings should be backfilled with fine grained soils.
- 4) When Chris Khourey and I made the field evaluation of this site, it was noted that the existing Inland landfill had leachate and erosion problems along the southeastern corner of the property. This area is in need of filling with soil, regrading and seeding. This should be corrected prior to the Director taking action on this proposal.
- 5) The well log information that this Office has is attached.

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If you have any questions on the above, please call me at 425-9171.

Sincerely yours,

Lynn A. Clark, P.E.
Section Chief
Office of Land Pollution Control
Northeast District Office

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enclosures

cc: Dan Redman, Central Office
Ron Jablonski, Cuyahoga County Health Department